

Station Name: 663 05 01

Horizontal Datum: NAD 83/91
Vertical Datum: NAVD 88
Control Point ID: Book: 663

Page: 05 Pt #: 01

State: Washington
County: Snohomish
Established By: C of E

Section: 17

Township: 29 N

Range: 5 E

LATITUDE: 47 59 51.31439
LONGITUDE: 122 11 30.64794

ORTHOMETRIC HEIGHT: 69.24 Feet
21.104 Meters

Washington State Plane Coordinates - North Zone

	Northing	Easting	Point Scale Factor (to 9 decimal places)	Convergence Deg Min Sec
Feet	366825.119	1307827.548	0.999944450	-01 00 41.2
Meters	111808.5199	398626.6338		

HORIZONTAL DATA:

Data sheet prepared by Geodetic Consultants 10/20/97.

Horizontal coordinates were established by GPS observations in 1997 using the Leica Rapid Static survey and SKI software.

position accuracy : 0.01 ft N @ 1 sigma (unconstrained), and 0.03 ft E @ 1 sigma, constrained to City points Paine Field, E011Reset, E093, E077 and VIEW.

estimated cumulative positional accuracy 0.05 ft @ 1 sigma.

Vertical Data: Elevation has been determined with differential leveling by Trepanier Engineering.

Relative point position accuracy: 0.02 ft @ 1 sigma (unconstrained) and 0.02 ft @ 1 sigma constrained to City Bench Mark V050-.

Correction factor to NGVD29 = -1.121 m.

The Old City of Everett Monument Book, show's an elevation of 69.28 ft for this mark relative to NAVD88, however this elevation should be used with caution because of the lack of information about how this elevation was established.

Relative point

Surveyors

VERTICAL DATA:

MONUMENT DESCRIPTION

A 4 inch iron pipe set under an iron monument case and cover with a 1 3/4 inch lead plug and a brass pin. The Old City of Everett Monument Book describes the monument as a Standard City of Everett Monument that is 22 feet East and 14 feet North of the center of the intersection.

TO REACH

Set in the Northeast angle of the intersection of 15th Street and Pine Street.

REFERENCES are compass bearings with 21 degrees East Declination

Az from North	Distance	Reference Description
S 57 degrees W	24.0 ft	to a sewer manhole cover
S 11 degrees W	50.0 ft	to a power line pole
N 15 degrees W	30.0 ft	to a catch basin

Month Year Recovered :

Condition of Mark:

Recovered By: